This listing of claims replaces all prior versions, and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) A computer-implemented method comprising:

activating, in response to a user request, a first test mode of a document having a document data set;

automatically storing a first test mode data set of the first test mode upon entry of said first test mode wherein said first test mode data set is said document data set at the time of said activating said first test mode;

changing, in said first test mode, data in the document data set in response to input of new data to obtain a modified document data set;

determining, in said first test mode, upon user initiation of an event other than data input whether the event is a test mode initiation event;

determining, in response to said event being said test mode initiation, whether the test mode initiation event is a new test mode event;

activating, in response to said test mode initiation event being said new test mode event another user request while in said first test mode, a second test mode wherein said second test mode is nested within said first test mode;

automatically storing a second test mode data set of the second test mode upon entry of said second test mode wherein said second test mode data set is said modified document data set at the time of said activating said second test mode;

changing, in said second test mode, data in the modified document data set in response to input of other new data;

activating, in said first test mode and in response to said test mode initiation event not being said new test mode event, a display of tests modes saved for said document;

determining, in response to said event not being said test mode initiation event, whether said event is a close test mode event;

~~restoring the second test mode data set in said document upon leaving the second test mode; and~~

restoring the first test mode data set in said document, in response to said event being the close test mode event; ~~upon leaving the first test mode~~

determining, in response to said event not being said test mode initiation event and not being the close test mode event, whether said event is a exit test mode event;

returning to said changing, in said first test mode, in response to said event not being any one of said test mode initiation event; the close test mode event; and said exit test mode event;

determining, in the second test mode, upon user initiation of another event other than data input whether the another event is said test mode initiation event;

determining, in the second test mode, in response to said another event not being said test mode initiation event, whether said event is said close test mode event;

restoring the second test mode data set in said document, in response to said another event being the close test mode event; and

returning to said changing in said first test mode following said restoring the second test mode data set where said method provides a plurality of nested test

modes for creating, reviewing and retrieving a plurality of different document configurations based on different document data sets.

2.   (Original) The method of Claim 1 wherein more than two nested test modes are available.

3.   (Cancelled)

4.   (Cancelled)

5.   (Original) The method of Claim 1 wherein said document is a spreadsheet document.

6.   (Original) The method of Claim 2 wherein said document is a spreadsheet document.

7.   (Original) The method of Claim 1 wherein the first and second test mode data sets correspond to different formatting options of a document.

8.   (Original) The method of Claim 1 wherein all test mode data sets are stored and accessible upon user request.

9.   (Original) The method of Claim 1, further comprising: recognizing and storing an order of creation of each test mode data set.

10. (Original) The method of Claim 9 further comprising: enabling movement forward and backward between different stored test mode data sets.

11. (Original) The method of Claim 10 comprising:

arranging said stored test mode data sets as a tree structure.

12. (Currently Amended) The method of Claim 11 <u>wherein said activating a display further comprises</u><s>comprising</s>:
displaying the tree structure on a display medium; and
enabling the user to select a particular test mode data set represented in the tree structure using a graphical user interface.

13. (Original) The method of Claim 10 comprising:
assigning an identification to each branching point of the tree structure, wherein said each branching point represents one of said test mode data sets.

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Currently Amended) A computer system comprising:
a memory having stored therein a nested test module;
a processor coupled to said memory wherein upon execution of said nested test module by said processor generates a method comprising:
activating, in response to a user request, a first test mode of a document having a document data set;

automatically storing a first test mode data set of the first test mode upon entry of said first test mode wherein said first test mode data set is said document data set at the time of said activating said first test mode;

changing, in said first test mode, data in the document data set in response to input of new data to obtain a modified document data set;

determining, in said first test mode, upon user initiation of an event other than data input whether the event is a test mode initiation event;

determining, in response to said event being said test mode initiation, whether the test mode initiation event is a new test mode event;

activating, in response to said test mode initiation event being said new test mode event another user request while in said first test mode, a second test mode wherein said second test mode is nested within said first test mode;

automatically storing a second test mode data set of the second test mode upon entry of said second test mode wherein said second test mode data set is said modified document data set at the time of said activating said second test mode;

changing, in said second test mode, data in the modified document data set in response to input of other new data;

activating, in said first test mode and in response to said test mode initiation event not being said new test mode event, a display of tests modes saved for said document;

determining, in response to said event not being said test mode initiation event, whether said event is a close test mode event;

~~restoring the second test mode data set in said~~
~~document upon leaving the second test mode; and~~
restoring the first test mode data set in said
document, in response to said event being the close
test mode event; ~~upon leaving the first test mode~~
determining, in response to said event not being
said test mode initiation event and not being the
close test mode event, whether said event is a exit
test mode event;
returning to said changing, in said first test
mode, in response to said event not being any one of
said test mode initiation event; the close test mode
event; and said exit test mode event;
determining, in the second test mode, upon user
initiation of another event other than data input
whether the another event is said test mode
initiation event;
determining, in the second test mode, in
response to said another event not being said test
mode initiation event, whether said event is said
close test mode event;
restoring the second test mode data set in said
document, in response to said another event being the
close test mode event; and
returning to said changing in said first test
mode following said restoring the second test mode
data set where said method provides a plurality of
nested test modes for creating, reviewing and
retrieving a plurality of different document
configurations based on different document data sets.

20. (Original) The computer system of Claim 19 wherein
more than two nested test modes are available.

21.   (Cancelled)

22.   (Cancelled)

23.   (Original)   The computer system of Claim 19 wherein
said method further comprises:

recognizing and storing an order of creation of said
test mode data sets.

24.   (Original)   The computer system of Claim 23 wherein
said method further comprising:

enabling movement forward and backward between said
stored test mode data sets.

25.   (Original)   The computer system of Claim 23 wherein
said method further comprises:

arranging said stored test mode data sets as a tree
structure.

26.   (Currently Amended)   The computer system of Claim 25
wherein computer system further comprises a display medium and
~~said method further comprises~~ wherein said activating a display
further comprises:

displaying the tree structure on said display medium;
and

enabling the user to select a particular test mode
data set represented in the tree structure using a
graphical user interface.

27.   (Currently Amended)   A computer program product
having stored thereon computer readable instructions for a
method for nesting a plurality of test modes of a computer
generated document, said method comprising:

activating, in response to a user request, a first test mode of a document having a document data set;

automatically storing a first test mode data set of the first test mode upon entry of said first test mode wherein said first test mode data set is said document data set at the time of said activating said first test mode;

changing, in said first test mode, data in the document data set in response to input of new data to obtain a modified document data set;

determining, in said first test mode, upon user initiation of an event other than data input whether the event is a test mode initiation event;

determining, in response to said event being said test mode initiation, whether the test mode initiation event is a new test mode event;

activating, in response to said test mode initiation event being said new test mode event another user request while in said first test mode, a second test mode wherein said second test mode is nested within said first test mode;

automatically storing a second test mode data set of the second test mode upon entry of said second test mode wherein said second test mode data set is said modified document data set at the time of said activating said second test mode;

changing, in said second test mode, data in the modified document data set in response to input of other new data;

activating, in said first test mode and in response to said test mode initiation event not being said new test mode event, a display of tests modes saved for said document;

determining, in response to said event not being said test mode initiation event, whether said event is a close test mode event;

~~restoring the second test mode data set in said document upon leaving the second test mode; and~~

restoring the first test mode data set in said document, in response to said event being the close test mode event; ~~upon leaving the first test mode~~

determining, in response to said event not being said test mode initiation event and not being the close test mode event, whether said event is a exit test mode event;

returning to said changing, in said first test mode, in response to said event not being any one of said test mode initiation event; the close test mode event; and said exit test mode event;

determining, in the second test mode, upon user initiation of another event other than data input whether the another event is said test mode initiation event;

determining, in the second test mode, in response to said another event not being said test mode initiation event, whether said event is said close test mode event;

restoring the second test mode data set in said document, in response to said another event being the close test mode event; and

returning to said changing in said first test mode following said restoring the second test mode data set where said method provides a plurality of nested test modes for creating, reviewing and retrieving a plurality of different document configurations based on different document data sets.

28. (Currently Amended) A system comprising:

means for activating, in response to a user request, a first test mode of a document having a document data set;

means for automatically storing a first test mode data set of the first test mode <u>upon entry of said first test mode</u> wherein said first test mode data set is said document data set at the time of said activating said first test mode;

means for changing<u>, in said first test mode,</u> data in the document data set in response to input of new data to obtain a modified document data set;

<u>means for determining, in said first test mode, upon user initiation of an event other than data input whether the event is a test mode initiation event;</u>

<u>means for determining, in response to said event being said test mode initiation, whether the test mode initiation event is a new test mode event;</u>

means for activating, in response <u>to said test mode initiation event being said new test mode event</u> ~~another user request~~ while in said first test mode, a second test mode wherein said second test mode is nested within said first test mode;

means for automatically storing a second test mode data set of the second test mode <u>upon entry of said second test mode</u> wherein said second test mode data set is said modified document data set at the time of said activating said second test mode;

means for changing<u>, in said second test mode,</u> data in the modified document data set in response to input of other new data;

<u>means for activating, in said first test mode and in response to said test mode initiation event not being said new test mode event, a display of tests modes saved for said document;</u>

means for determining, in response to said event not being said test mode initiation event, whether said event is a close test mode event;

~~means for restoring the second test mode data set in said document upon leaving the second test mode; and~~

means for restoring the first test mode data set in said document, in response to said event being the close test mode event; ~~upon leaving the first test mode~~

means for determining, in response to said event not being said test mode initiation event and not being the close test mode event, whether said event is a exit test mode event;

means for returning to said changing, in said first test mode, in response to said event not being any one of said test mode initiation event; the close test mode event; and said exit test mode event;

means for determining, in the second test mode, upon user initiation of another event other than data input whether the another event is said test mode initiation event;

means for determining, in the second test mode, in response to said another event not being said test mode initiation event, whether said event is said close test mode event;

means for restoring the second test mode data set in said document, in response to said another event being the close test mode event; and

means for returning to said changing in said first test mode following said restoring the second test mode data set where said method provides a plurality of nested test modes for creating, reviewing and retrieving a plurality of different document configurations based on different document data sets.